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TOP SECRET RUFF

DDR-DUPE

TCS 4646/63-KH
 M/EB 461/63
 29 October 1963
 Copy 7

MEMORANDUM FOR: Chief, Defensive Systems Division, O&I

25X1

ATTENTION: [REDACTED]

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Evaluation of Similarity Between the SA-3 Guidance Radar at
 Site A-16A on Nargin Island, Baku and the Radar at the Missile
 Site at Mys Set Navolok, USSR.

REFERENCES: (a) Requirement C-SI-3-80,599
 (b) CIA/PID Project C 1276-63

1. This memorandum is in response to your requirement dated [REDACTED] 25X1
 [REDACTED] and supplement to the above requesting a comparison of the SA-3 guidance 25X1
 radar at Site A-16A on Nargin Island, Baku and the radar at the missile site at
 Mys Set Navolok, USSR. Also requesting the best possible drawings of the radar,
 missiles and missile launchers at both facilities.

2. (a) The best possible sketch of the radar and launcher at Baku is
 shown in Figures 1 and 3 attached. The SA-3 launcher was barely discernible on
 the photography available and only a shadow drawing is submitted.

(b) The best possible sketch of the radar at the missile site at Mys
 Set Navolok is shown in Figure 2. A sketch of the missiles is shown in Figure 3.

(c) A graphic comparison was made of the radar guidance components at
 the Mys Set Navolok site and the Baku site and it is concluded that most of the
 radar components at the two locations are similar. However, though most of the
 components compare favorably, there are some differences which cannot be resolved
 at this time due to photographic limitations. Upon acquisition of better quality
 photography these minor differences may be resolved.

(d) A comparison of Mys Set Navolok photography with photography of
 the SA-3 site A-05A at Odessa revealed no confirmed similarities with the exception
 of gross form due to the poor quality and scale of the photography. The site
 configuration at Mys Set Navolok cannot be determined at this time. A comparison
 of Mys Set Navolok with Palanga and other SA-3 sites revealed the same results.
 It is felt at this time that the problem of a comparison with any other SA-3 sites,
 with the exception of Baku, cannot be resolved until better photography becomes
 available.

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(e) No measurements are submitted with this report due to the poor quality of the long range ground photography and the lack of photo data that would enhance accurate mensuration.

3. All attachments are classified SECRET/NOFORN. The viewgraphs requested with this requirement have been submitted under separate cover.

4. The photo analysts on this project are 25X1
and they may be contacted on extension 2421 should you have further questions regarding this project.

5. This project is considered to be complete.

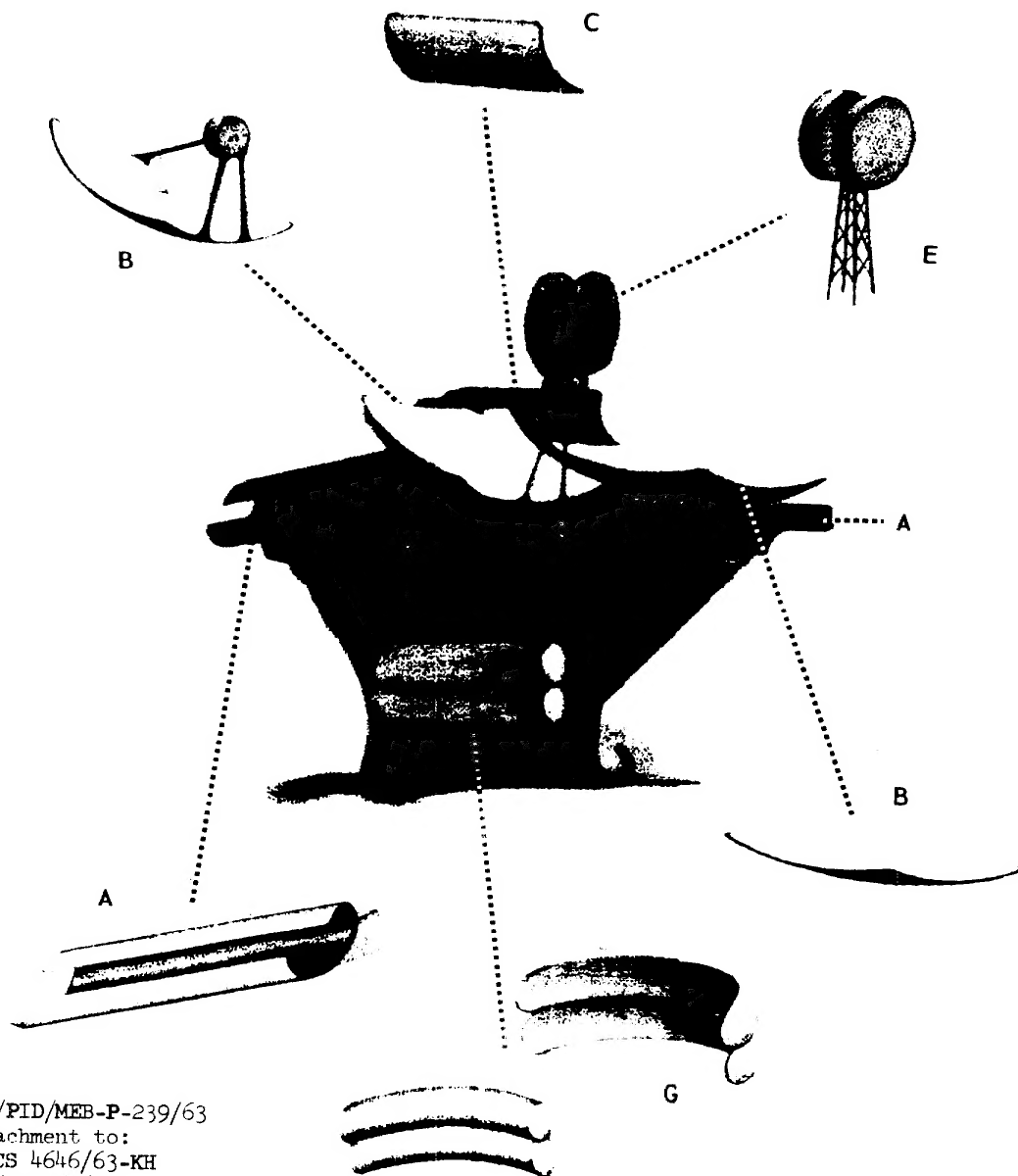


Enclosures:

- 1 - Three (3) line drawings
(CIA/PID/MEB-P-239/63 thru P-241/63)

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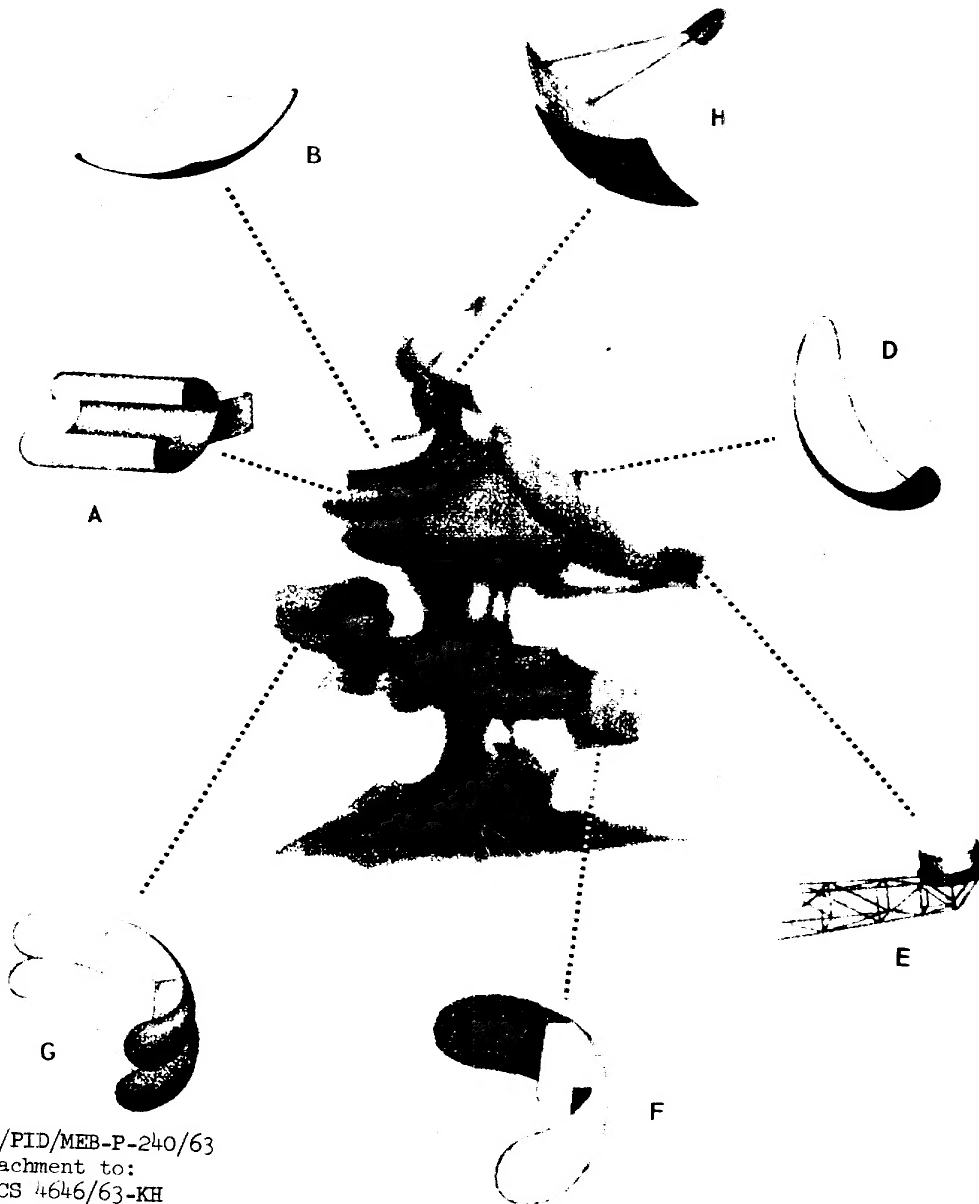
CIA/PID/MEB-P-239/63
Attachment to:
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GUIDANCE RADAR BAKU A-16 A SITE, USSR

Figure 1

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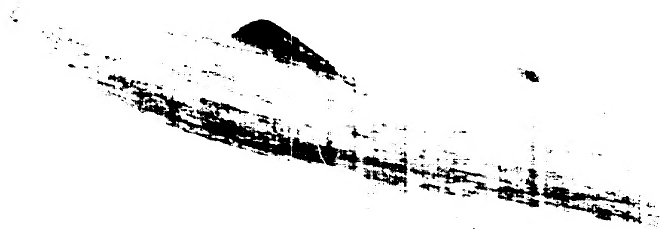
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GUIDANCE RADAR MYS SET NAVOLOK SAM SITE, USSR

Figure 2



MYS SET NAVOLOK



BAKU

NPIC M-5546 (10/83)

CIA/PID/MEB-P-241/63
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